



Oklahoma Crop Weather

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Heat Advisories and a Storm Called Erin

Heat advisories were in effect across parts of Oklahoma last week as the mercury rose over 100 degrees in many areas. That changed over the weekend as remnants of tropical depression Erin hit the State bringing large amounts of precipitation and cooler temperatures to many areas. The heavy rains caused severe flooding in a few locations. Precipitation averaged 1.84 inches this past week, with vast majority falling over the weekend. While parts of Oklahoma received beneficial rains, the Panhandle district remained dry. (Many of the weekly reports and weather data were submitted before the weekend rains. Consequently the heavy rains influencing the soil moisture categories are not represented in the tables below.) There were 6.2 days suitable for fieldwork.

Soil Moisture Conditions by Percent

Week Ending Sunday, August 19, 2007

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	17	14	64	9	5	79
Short	40	40	25	24	20	20
Adequate	38	44	11	66	72	1
Surplus	5	2	0	1	3	0

Small Grains: The extra moisture should benefit small grain producers as they prepare for fall plantings. Eighty-eight percent of the State's wheat stubble had been plowed. As of Sunday, seventeen percent of wheat seedbed preparation was complete. Farmers had the majority of oats harvested by the end of the week.

Row Crops: Row crop development should greatly benefit from the rain. However, irrigation systems were running at full steam in drier locations last week. Ninety-two percent of the corn crop was in the doughing stage and 34 percent of the State's acreage had reached maturity. Grain sorghum was 76 percent headed, 7 points ahead of the five-year average. Eighty-seven percent of the State's peanuts were setting pods, an increase of 9 points from last week. Ninety-two percent of the cotton acreage was squaring and 59 percent was setting bolls, both behind the five-year average. Nearly two-thirds of soybeans were blooming and 41 percent were setting pods, both well behind normal. A small amount of soybeans were mature.

Hay: Hay cutting and baling in many areas ended last Saturday due to the precipitation. Growers had 49 percent of other hay second cuttings completed by the end of the week, 12 points behind the five-year average. The third cuttings of alfalfa were 95 percent complete, slightly behind normal. Just over half of the fourth cuttings of alfalfa were complete and producers had begun the fifth cuttings on a limited basis. Alfalfa and other hay conditions remained mostly in the good to fair range.

Miscellaneous Crops: Watermelon harvest increased 6 points from the previous week to reach 85 percent, but was 6 points behind normal. Nearly 90 percent of the State's peaches were harvested by the end of the week.

Livestock, Pasture and Range: Livestock conditions dropped slightly due to heat stress but were still rated mostly in the excellent to good range. Livestock marketings remained average last week. Prices for feeder steers less than 800 pounds averaged \$118 per cwt. Prices for heifers less than 800 pounds averaged \$110 per cwt. Pasture and range conditions also dropped but remained in excellent to good range.

Conditions by Percent

Week Ending Sunday, August 19, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
Hay -					
Alfalfa	6	10	41	35	8
Other Hay	1	7	25	53	14
Livestock, Pasture and Range -					
Livestock	0	1	16	59	24
Pasture and Range	1	5	19	58	17
Row Crops -					
Corn	1	5	14	36	44
Peanuts	1	4	22	71	2
Cotton	0	5	24	69	2
Sorghum	0	8	23	61	8
Soybeans	1	5	52	33	9

Crop Progress by Percent									
Week Ending Sunday, August 19, 2007									
Crop and Event	This Week	Last Week	Last Year	5 Year Average	Crop and Event	This Week	Last Week	Last Year	5 Year Average
<i>Wheat</i> -					<i>Soybeans</i> -				
Plowed	88	83	95	96	Blooming	64	57	86	85
Seedbed Prepared	17	12	NA	NA	Setting Pods	41	30	63	67
<i>Rye</i> -					<i>Peanuts</i> -				
Plowed	91	78	100	74	Setting Pods	87	78	96	92
<i>Oats</i> -					<i>Cotton</i> -				
Harvested	96	94	100	100	Squaring	92	83	100	99
Plowed	79	75	100	99	Setting Bolls	59	44	89	87
<i>Corn</i> -					<i>Alfalfa</i> -				
Dough	92	89	97	87	3rd Cutting	95	91	91	97
Mature	34	25	45	42	4th Cutting	51	40	43	53
<i>Sorghum</i> -					<i>Other Hay</i> -				
Headed	76	64	67	69	2nd Cutting	49	35	44	61
Coloring	20	15	32	35	<i>Watermelon</i> -				
					Harvested	85	79	93	91

Weather for Week Ending August 19, 2007: Temperatures ranged from 60 degrees at Boise City on Thursday, August 16th to 106 degrees at Webbers Falls on Monday, August 13th. Precipitation averaged from 0.01 inches in the Panhandle district to 4.46 inches in the Central district. Soil temperatures averaged 72 degrees at Okmulgee on Sunday, August 19th to 97 degrees at Durant on Wednesday, August 15th.

Mesonet Temperature and Precipitation Data							
Week Ending Sunday, August 19, 2007							
District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2007 to August 19, 2007		
					Total	Departure from Normal	Percent of Normal
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	97	67	82	0.01	12.06	-1.78	87
West Central	94	70	82	2.41	27.94	10.38	159
Southwest	94	71	82	4.27	30.61	12.72	171
North Central	97	72	84	0.22	28.64	9.49	150
Central	95	72	83	4.46	40.51	19.36	192
South Central	95	73	83	1.79	32.22	10.58	149
Northeast	96	72	83	0.70	29.59	6.71	129
East Central	95	73	83	2.21	26.20	2.29	110
Southeast	96	73	83	0.48	29.43	4.16	116

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